

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
L2	1	("6325275").PN.	USPAT	OR	OFF	2007/10/16 10:57
L3	4524	((plasma or (irradiat\$3 or radiat\$3) or (iron near2 beam)) near5 ((inert adj gas) or argon or "Ar" or helium or "He") near5 (clean\$3 or etch\$3 or wash\$3 or (remov\$3 near2 (oxide or organic or oil or rust or corrosion or dirt or residue))))	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:23
L4	1559	3 and (vacuum same chamber)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:28
L5	802	4 and (conveyor or "carry-out" or (carry\$3 adj out) or tray or cabinet or shelve or transport\$3)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:28
L8	8	5 and ((bonder or (bond\$3 near5 (head or tool or station or table or location or stage or foot))) and (ultrasonic\$5 or transducer or thermosonic\$5 or sonic\$5))	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:32
L9	2	("20010037997" "2004003 6492" "20040132304" "43 79218" "6521857").PN.	USPAT	OR	ON	2007/10/16 11:36

## EAST Search History

L10	5	("20010037997" "20040036492" "20040132304" "4379218" "6521857").PN.	US-PGP UB; USPAT	OR	ON	2007/10/16 11:44
L13	64	Barnett-Ronald\$3.in.	USPAT	OR	ON	2007/10/16 12:00
L14	7	13 and plasma	USPAT	OR	ON	2007/10/16 11:53
L16	747	Yamauchi-Akira\$.in.	US-PGP UB; USPAT; EPO; JPO; DERWEN T	OR	ON	2007/10/16 12:02
L17	120	Yamauchi-Akira\$.in.	US-PGP UB; USPAT	OR	ON	2007/10/16 12:02
L18	14	17 and (plasma same (clean\$3 or etch\$3))	US-PGP UB; USPAT	OR	ON	2007/10/16 12:02
L19	12	18 and (conveyor or "carry-out" or (carry\$3 adj out) or tray or cabinet or shelve or transport\$3)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:08
L23	3620	(228/203,205,218,219,221,212,43,44.3).ccls.	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:17
L24	2051	(156/580,580.1).ccls.	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:23
L25	2430	(156/580,580.1,345.29).ccls.	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:23

## EAST Search History

L26	6039	23 or 24 or 25	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:23
L27	116	26 and ((plasma or (sputter\$3 or irradiat\$3 or radiat\$3) or (iron near2 beam)) same ((inert adj gas) or argon or "Ar" or helium or "He") same (clean\$3 or etch\$3 or wash\$3 or (remov\$3 near2 (oxide or organic or oil or rust or corrosion or dirt or residue))))	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 12:24
L28	72	27 and (vacuum same chamber)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:28
L29	47	28 and (convey\$3 or "carry-out" or (carry\$3 adj out) or tray or cabinet or shelve or transport\$3)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:31
L30	3	29 and ((bonder or (bond\$3 near5 (head or tool or station or table or location or stage or foot))) and (ultrasonic\$5 or transducer or thermosonic\$5 or sonic\$5))	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 13:57

## EAST Search History

L31	47	29 and (heat\$3 or press\$3 or clamp\$3 or fasten\$3 or jig or convey\$3)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 12:35
L32	14	("4379218"   "5188280"   "5226580").PN. OR ("5516031").URPN.	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 13:56
L34	3225	(134/1,1.1,1.2).ccls.	US-PGP UB; USPAT; EPO; JPO; DERWEN T	OR	ON	2007/10/16 13:57
L35	15	34 and ((bonder or (bond\$3 near5 (head or tool or station or table or location or stage or foot))) and (ultrasonic\$5 or transducer or thermosonic\$5 or sonic\$5))	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 14:05
L36	18	("5192582"   "5433820"   "5492265"   "5518964"   "5722581"   "5830782"   "5852326"   "5858312"   "5887610"   "5915752"   "5941448"   "6021940"   "6074203"   "6089445"   "6146503"   "6468833").PN. OR ("6551860").URPN.	US-PGP UB; USPAT; USOCR	OR	ON	2007/10/16 14:00

## EAST Search History

L38	3	29/\$.ccls. and (plasma same ((bonder or (bond\$3 near5 (head or tool or station or table or location or stage or foot))) and (ultrasonic\$5 or transducer or thermosonic\$5 or sonic\$5)))	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/10/16 14:10
-----	---	---	--	----	----	---------------------